

| ICS 209 (Oil Spill) - Incident Status Summary | | | | | | | | | | Version Name: 20191217 | | | | | | | | |
|---|-----------------|------------------------------------|-----------------|--------------------------------|--------------|--|--------------------|----------------------------|----------------------------|---|-----------------------|--------------------|-------|---|---|---|---|---|
| Incident Name: South 4 Group Fire | | | | | | | | | | Period: Period 15 [12/17/2019 06:00 - 12/19/2019 06:00] | | | | | | | | |
| Spill Status (Estimated) | | | | | | | | | | Equipment Resources | | | | | | | | |
| Source Status | | Remaining potential | | 151,740 | | Kind | | Ordered | Available | Assigned | Out-Of-Service | Total Count | | | | | | |
| SECURED | | Rate of spillage | | 0 barrel(s) | | Air Monitor - AreaRAE | | 0 | 0 | 34 | 0 | 34 | | | | | | |
| | | Volumes measured in | | barrel(s) | | Air Monitor - MultiRAE | | 0 | 0 | 81 | 0 | 81 | | | | | | |
| | | Since Last Report | | Total | | Air Monitor - UltraRAE | | 0 | 12 | 43 | 0 | 55 | | | | | | |
| Total Volume Spilled | | 0 | | 999 | | Boom | | 0 | 1,001 | 6,500 | 0 | 7,501 | | | | | | |
| Mass Balance (Estimated) | | | | | | | | | | Volumes in gallon(s) | | | | | | | | |
| Recovered Material (Liquid) | | 15,000 | | 76,500 | | Fire Fighting Foam | | 0 | 1,590 | 0 | 0 | 1,590 | | | | | | |
| Foam | | 0 | | 1,320 | | Jon Boat | | 0 | 0 | 6 | 1 | 7 | | | | | | |
| Combusted Material (bbl) | | 0 | | 48,970 | | Pumps | | 2 | 20 | 36 | 0 | 58 | | | | | | |
| Waste (Estimated) | | | | | | | | | | Response Boat | | | | 0 | 0 | 3 | 0 | 3 |
| Type | | Recovered | Stored | Disposed | UOM | | Skimmer | | 0 | 17 | 1 | 0 | 18 | | | | | |
| Sorbent: Boom | | 12,120 | | | Feet | | Sorbent: Boom | | 0 | 50 | 8,350 | 0 | 8,400 | | | | | |
| Debris | | 1,169 | | | Bags | | UTV | | 0 | 0 | 9 | 0 | 9 | | | | | |
| Liquid | | 171,850 | | | gallon (s) | | Vacuum Truck | | 0 | 0 | 7 | 3 | 10 | | | | | |
| Shoreline Impacts | | | | | | | | | | Distances measured in mile(s) | | | | | | | | |
| Degree of Oiling | | Affected | Cleaned | Remaining to be Cleaned | | Organization | | People in the Field | People in Cmd. Post | Total People On Scene | | | | | | | | |
| Wildlife Impacts | | | | | | | | | | Personnel Resources | | | | | | | | |
| | | | | | | Died In Facility | | Other | | 14 | 1 | 15 | | | | | | |
| Type | Captured | Cleaned | Released | DOA | Euth. | Other | Federal | | 0 | 0 | 0 | | | | | | | |
| Fish Above 3" | 0 | 0 | 0 | 68 | 0 | 0 | State | | 1 | 1 | 2 | | | | | | | |
| Bird | 0 | 0 | 0 | 0 | 0 | 0 | Local | | 7 | 1 | 8 | | | | | | | |
| Mammal | 0 | 0 | 0 | 0 | 0 | 0 | RP | | 124 | 60 | 184 | | | | | | | |
| Reptile | 0 | 0 | 0 | 1 | 0 | 0 | Contract Personnel | | 459 | 78 | 537 | | | | | | | |
| 2-3" Fish | 0 | 0 | 0 | 2,000 | 0 | 0 | Volunteers | | 0 | 0 | 0 | | | | | | | |
| Blue Crab | 0 | 0 | 0 | 18 | 0 | 0 | Totals | | 605 | 141 | 746 | | | | | | | |
| Safety Status | | | | | | | | | | Special Notes | | | | | | | | |
| Type | | Amount since last report | | Total Amount | | Active Fires: 1 | | | | | | | | | | | | |
| Public Injury | | 0 | | 0 | | Notes: | | | | | | | | | | | | |
| Responder Injury | | 1 | | 5 | | *Spilled material based on 98% destruction efficiency of the fire. | | | | | | | | | | | | |
| Community Air Readings for all analytes | | 0 | | 80,000 | | | | | | | | | | | | | | |
| BD - Community Air Detections above action level | | 0 | | 240 | | | | | | | | | | | | | | |
| Community Air Monitoring readings for Butadiene | | | | 28,737 | | | | | | | | | | | | | | |
| VOC - Community Air Detections above action level | | 0 | | 12 | | | | | | | | | | | | | | |
| Community Air Monitoring readings for VOC | | | | 28,985 | | | | | | | | | | | | | | |
| ICS 209 (Oil Spill) - Incident Status Summary | | | | | | | | | | Prepared By Planning Section, Updated 12/17/2019 23:11 UTC -6: PP | | | | | | | | |
| INCIDENT ACTION PLAN SOFTWARE™ | | Printed 12/17/2019 23:18 UTC -6:00 | | | | 1 of 7 | | © TRG | | | | | | | | | | |

Daily Summary – TPC Port Neches South 4 Group Fire

12/17/2019

The waterway has now transitioned to Maintenance and Monitoring Mode

| Shoreline Impacts | Assessed, miles | In Remediation, miles | Sign Off |
|--------------------------------------|-----------------|-----------------------|----------|
| No Oil Observed | 4.96 | | 4.96 |
| Light Oil | 1.05 | | 1.05 |
| SCAT Recommends No Further Treatment | 2.58 | | 2.58 |

Today's Activities

- A CIR was reported at 09:00, when a small wild pig was discovered floating at the boom located at the Orchard Street. Wildlife Rehabilitation and the TPWD were notified. Instructions for submitting pictures, locations and carcass disposal were provided by the agencies.
- A second CIR was submitted to report the employee foot injury that occurred on 12/16 resulted in work restrictions.
- DEHA was not injected into any tanks on 12/17/2019.
- One fire remains burning.
- Plans to address leaks near Tanks 35 & 36 were developed, resembling the plan implemented for addressing Tank 25, utilizing a crane with man basket. Crews moved firehose, debris and power lines from path of crane to provide access.
- The laboratories that have been analyzing the air and asbestos samples, will have a week-long pre-scheduled audit this week. As a result, they will not be able to process the samples during that time. CTEH will provide a weekly summary of air and asbestos analytical results each Monday. They will do the same for water samples to be consistent.
- The drone monitoring activities were not able to take place today because of wind conditions.
- Minimal surveys were conducted using FLIR camera. No new leaks were identified. The ongoing leaks have been identified on lines associated with the following:

| Tank Number/Equipment Type | Material in Tank | Component Involved | Repaired |
|---|---|---|------------|
| 39 | Raffinate | Flange on line east of sphere 39 | |
| 40 | Raffinate | Tubing valve | 12/14/2019 |
| 36 | High Butane Raffinate | Flange on tank | |
| 33 | High Butane Raffinate | Tubing fitting | |
| 35 | High Butane Raffinate | Tubing leak | |
| 90 & 91 | High Purity Butadiene | Leak on common suction line, 092 that runs N to S | |
| 26 | Crude C4 | Line leak, attempted repair with clamp | 12/14/2019 |
| 30 | Water and NMP Solvent | Tubing fitting | 12/13/2019 |
| 219 | MTBE | Vacuum Breaker | |
| 2" Flange SE corner of block 10 | Assumed BD | Flange | |
| 6" valve at block 5 on 3 rd street | Raff | Valve | 12/17/2019 |
| 092 line North to South | This is a duplicate, see Tank 90 & 91 above | | |

- The low volume vapor leak from under Tank 33, which is inaccessible for safety reasons, is ongoing and continues to be minor. The cribbing contractor and TPC Technical team are preparing to implement parallel plans for securing the tank and mitigating the leak after the tank is secured. The conditions of the soil as a result of the rain on 12/16 delayed some preparations for the cribbing contractor to begin moving dirt to stabilize Tank 33. Activities are expected to resume on 12/18/2019.
- The Outfall Canal remains in Monitoring and Maintenance mode. Water was approximately 1.5- 2 feet below the Outfall 201 weir. There was no discharge from Outfall 201.
- There was a small amount of waxy material collecting at the western point of the joint wastewater canal. Clean Harbors personnel remain ready to collect the material.
- The Wildlife Hotline has not received a call regarding impacted animals since 12/6/2019. Wildlife Response personnel responded to the CIR report of a dead pig in the waterway at Orchard Street.
- TPC continues to work with stakeholders on the request made to TXDOT to open the south two lanes of Hwy 366 to two-way traffic between Hogaboom and Park streets. This would allow the public to have access to that section of the road and enable TPC to utilize the northern three lanes to facilitate moving equipment and personnel east and west across the site.

Upcoming Activities

- OSHA and CSB will begin their site assessment on 12/18.
- Continue to execute the cribbing plan for Tank 33 on 12/18. This project is forecasted to take between 8-10 days to implement.
- The new Community Alarm System is expected to be delivered on 12/18/2019. Testing will be announced when the schedule is confirmed.
- Daily school air monitoring will continue 12/16 – 12/20. Monitoring of the schools will be suspended during Holiday Break, but the area will continue to be monitored as part of the 1-mile radius Air Monitoring Plan.
- The planned Asbestos Cleanup Team Activities were unable to be implemented. The PACM Retrieval Plan continues to be reviewed. Once approved, 4-member Asbestos Cleanup Teams, consisting of Clean Harbors, Cotton and a CTEH air monitoring technician, will begin collecting potential asbestos containing material (PACM) debris found on the ground, especially in the walkways and parking lots. They will remove the loose PACM, but will not remediate the area or disturb the evidence. The teams will start at the north end of the site, collecting the debris in a planned manner until the whole site has been completed.

Health and Safety

- A CIR was submitted as an update to state the ankle injury reported on 12/16 resulted in work restrictions.

Water Effluent

- Status of 201: No flow from Outfall 201. The water level remained 1.5 -2 feet below the weir level.
- GPM to JWWTP: 6900 gpm was sent at 14:00; 3937 gpm at 15:30; 2780 gpm from 16:00 -18:00. There was no flow at 22:00.

Water Testing: No new analytical information. Analytical summaries will be provided each Monday

- As of December 11, 2019, a total of 179 surface water samples have been collected at 20 different locations for VOCs, SVOCs, PAH, PFAS, TPH, TOC, oil and grease, ethylene glycol, and asbestos analysis. Results of these analyses are not representative of drinking water sources.
- As of December 11, 2019, 155 surface water sample results have been received for VOC analysis and 94 results received for asbestos analysis.
- There have been no exceedances of TCEQ Contact Recreation Water Protective Concentration Limit (PCL) screening levels for the surface water samples with available PCLs. Where no PCLs are available, results are being compared to background surface water samples.

Wildlife Report

- A small pig was found in the waterway at the boom at Orchard Street. The agencies were notified.

Recovery Operations

- Routine monitoring.

SCAT Report

- Maintenance and Monitoring Plan is in effect.

Waste

12/17/2019 complete report was not received.

Some analytical results were received for waste classification.

| Gallons | Frac Tanks (20,000 gallons capacity) | # Of Tanks Used |
|---------|---|-----------------|
| 177,500 | Liquids from outfall canal skimming | 9 |
| 10,000 | Water and hydrocarbons from south separator | .5 |
| 30,000 | Latex-laden Wastewater from LION | 1.5 |
| | Empty Available and Staged | 7 |
| 210,000 | Totals | 18 |

| CYD's | Roll Off Boxes (25 CYD's capacity) | # Of Boxes Used |
|-------|--|-----------------|
| 225 | Hydrocarbon Debris and Sorbents From Canal | 9 |
| 225 | Totals | 9 |

Empty available and staged (requested 4 more) 2

| CYD's | Potential Asbestos Containing Material (PACM) | # Of Boxes Used |
|-------|---|-----------------|
| 12.5 | Material from 201 outfall and south separator | 0.5 |
| 30 | Motiva (1-full, 1-in use) | 2 |
| 6.25 | Joint Waste Water | 1 |
| 48.75 | Totals | 4 |

| | Other | |
|--|---|---|
| | Routine Plant Trash (Garbage) | 1 |
| | Dirty Containment Boom waiting on decon | 2 |

Community Air Monitoring

Please note: Air and Asbestos air monitoring samples will continue to be collected, but analytical results will be reported once per week on Monday.

Asbestos Monitoring

Community

- Wipe samples: Zero of the 184 samples collected have been positive for asbestos
- Bulk Sampling: 96 of 235 samples tested positive for asbestos

Air Monitoring Sampling Results

Community

No analytical updates available at the time of this report.

| Analytical | Detections | Samples Collected | Sample Stations |
|--|---------------|-------------------|-----------------|
| Volatile Organic Compounds (VOC)* | 2* | 422 | 44 |
| Poly Aromatic Hydrocarbons (PAH) | None Detected | 476 | 28 |
| Asbestos | None Detected | 718 | 44 |

2* There were detectable amounts of VOC, but two were above the Texas Commission on Environmental Quality (TCEQ) 24-hour AMCV (430 ppb), however below the TCEQ short-term AMCV (1,700 ppb).

Community Assessments

Refer to following pages.

Community Property Assessment Summary

105

28

89

Count of Industrial Debris Claims
SampledCount of Properties with Observed
DamageCount of Properties with Observed
Debris

Community Property Assessment Summary - Jefferson

88

28

73

Count of Industrial Debris Claims
SampledCount of Properties with Observed
DamageCount of Properties with Observed
Debris

Community Property Assessment Summary - Orange

17

0

16

Count of Industrial Debris Claims
SampledCount of Properties with Observed
DamageCount of Properties with Observed
Debris

Completed Property Assessments Property Type Sum

| Type | # of Properties |
|------------------------|-----------------|
| Commercial/Business | 1 |
| Multi-family Residence | 2 |
| Single Family Home | 102 |
| | 105 |

